

## Magnitude of Pine Industry is Shown by the Mills

Some idea of the magnitude of the pine manufacturing industry in Oregon, and of its possibilities, may be gained from an article written by A. W. Cooper, secretary of the Western White Pine Manufacturers' association, published in an edition of the Oregonian. Mr. Cooper's article, of especial interest to this section of the state, is as follows:

"Undoubtedly many people who live in Oregon are accustomed to thinking of the lumber industry of the state as something that is confined to the coast territory west of the Cascade mountains, and believe that fir, spruce and cedar, the prevailing woods of this region are the only lumber products of the state.

"It is, of course, true that the forests of the coast belt comprise the major portion of the state's standing timber. It is equally true that there are vast stretches of forest area east of the Cascade mountains. The forests in the eastern portion of the state differ greatly in character from the coast timber, being more open and made up of different species, the bulk of the timber being pine.

"To give some idea of the extent of these forests, it is estimated by the best authorities that there is over 90,000,000,000 of standing timber in this portion of the state, or nearly three times the present annual production of lumber in the whole country. During the past 20 years there has been developed in Eastern and Central Oregon a lumber manufacturing industry separate and distinct from that of the coast. Its chief product is pine, and the pine is commonly known as western white pine.

"The industry has developed mainly in two localities, one centering around La Grande and Baker, and the other in Central Oregon, along the Deschutes River valley. In these two localities there are about twelve large and a very considerable number of smaller mills now in operation. The pine industry produces approximately 400,000,000 board feet of lumber annually and employs upward of 5000 men.

"Many of the lumber manufacturing plants located in this territory are among the most up-to-date and modern in the west, and a few of them are among the very largest in the country. The product of these mills is largely shipped east and has of recent years been taking the place of the eastern white pine formerly furnished by the Lake states. Lumber from Eastern Oregon goes to nearly all portions of the country and a very considerable amount of it is being shipped east of Chicago and as far as the Atlantic seaboard. In fact a very appreciable amount of it goes to New England.

"In addition to the lumber produced, nearly all of the larger manufacturing plants operate their own box factories and remanufacture a portion of their output into box shooks, supplying the fruit-growing districts of Oregon, Washington and Idaho with a large part of their fruit boxes, the box industry in itself being by no means an unimportant part of the whole.

"The development of lumber manufacturing on a large scale in the eastern portion of the state is of comparatively recent date, although this section is one of the oldest lumber manufacturing districts in the Northwest. With the building of new

railroads and an increasing demand for white pine, it began a few years ago to develop with rapidity, and it is not unlikely that the next five to ten years will see it increase to twice its present size.

"Some idea of its value to the state and of its importance may be gathered from the fact that the present value of its product at the mill is in the neighborhood of \$16,000,000 a year, and that it represents a capital investment in timber and plants of something in excess of this. In several instances the industry is the life of thriving communities and upon its future growth and development principally depends the industrial development of the eastern sections of the state.

"Those pine manufacturing plants are truly highly developed industrial enterprises with their huge sawmills, with from one to four bandsaws, resaws, edgers and trimmers; their log rolls to move the lumber; their modern power houses, planing mills, dry sheds, dry kilns, loading docks and their lumber yards."

### The Licensed Falsehood.

Every man, if he catches his son in a falsehood, will at least reprimand him. But the greater the falsehood the man's favorite statesman tells, the more apt he is to vote for him, and the more apt he is to vote for him.—E. W. Howe's Monthly.

## Farm and Home Pointers

Seed corn tests may be made to point out the ears with kernels that are sound as well as merely growable.

With the rag doll tester as used by the O. A. C. experiment station and some glazed fiber paper, growers may insure their crops against failure from dead or even diseased seed.

On a piece of muslin 12 inches wide and not more than 56 inches long, mark off inch squares, leaving 6 inches unmarked at one end. Number the first cross row of spaces 1, and so on up to 50. Lay the muslin, squares up, on a piece of glazed paper.

Take 10 grains from each ear to be tested, the first near the butt, the last near the tip, and no two from the same row. The ears are numbered to correspond with the rows on the muslin.

Lay the 10 grains from ear No. 1 on the squares in row 1, not using the two outside squares. Place the grains germ side down with the tips pointing to the left.

After the squares are all filled, dampen the cloth with lukewarm water and lightly roll it up from the bottom, taking care that cloth is next one side and the paper next the other of every grain. Tie a string lightly around each end of the roll and put it in the germinator, left end down.

Keep the "dolls" in as even temperature as possible—heat—for five or six days longer than for the simple germination test—nine to twelve days. It must be kept moist by sprinkling with warm water if it dries out.

All ears that show dead germs of live germs in rotting kernel are rejected as unfit for seed.

Seed corn tests with doll tester will show by prolonging the usual period of test four to six days, which

ears have sound kernels as well as kernels that germinate. A sheet of glazed paper is rolled up with the muslin on which the grains are put, to prevent the spread of corn rot from any row that may have it to the sound rows.

By culling out as poor layers, one-fourth of all their hens, 31 Benton county farm bureau members with an average of 106 hens, report a net saving of \$500 in feed. No loss in egg production was reported by 23 members who culled, a loss of one to three a day was reported by six members, and an actual gain in output was reported by two members.

Egg yolks contain growth-promoting substances, and children over the age of three years should eat an egg or at least the yolk, three or four times a week. Children under three should receive at least a teaspoonful of yolk three times a week.

Leading Oregon farm crops are not well suited to some districts where they are grown. A new wheat for southeastern Oregon, a new vetch that will retain its seed in harvesting, disease-resistant red clover, smut-resistant wheat, and a beardless rye for Eastern Oregon, are under investigation by the college experiment station. Some promising results are reported, but final solution is a matter of time and most careful selection and breeding.

Garden spinach, yielded at the rate of two-thirds of a pound per square foot, having a gross value of 10 cents a square foot. Plant as a companion crop with cauliflower, the value of the combined crops proves slightly greater.

## FOR THE Housewife

At this time of the year, suggestions are gratefully received by the housewife. The making of old-fashioned mince meat pies is expensive in view of present food prices; but cheap and delicious substitute lemon mince meat, which is sure to be welcomed during the winter months, may be made as follows:

Four lemons, four apples, one pound currants, one and three-fourths cups sugar, half cup nuts, half cup raisins; cinnamon, ginger, nutmeg, allspice, cloves, salt, one teaspoon each; half cup butter. Squeeze juice from lemons and cook peel until soft, changing the water twice. Put through meat-chopper, and then rub through a sieve. Chop apples, add lemon peel and juice and remaining ingredients, mix well and store in jars. Use as a filling for turnovers or pies.

### Orange-Lemon Marmalade.

The housewife who did not put up her usual supply of fruit because of the high price of sugar, will find in the following recipe an easily made and very welcome addition to her store of jams and jellies. This recipe is also economical, since it calls for a small amount of fruit, yet by using every bit of the fruit, makes a large quantity of marmalade:

Two oranges, two lemons. Cut up fine, taking out seeds and using whole fruit. Then measure three cups of water to one cup of the cut pulp. Pour over fruit and let stand overnight. This is to soften and break up the pectin, the jelly making substance in the white inner rind of the fruit. On the second day, put the fruit and water on the stove and bring to a boil. Boil for 10 minutes. Take off and let stand overnight again. On the third day measure 1 cup of sugar to 1 cup of juice and pulp. Boil until it jellies. Put up in jelly containers and when cool seal with melted paraffin.

### Lemon Sugar For Tea.

Add an individual touch of flavor to tea by serving it with lemon sugar. This is made by rubbing cube sugar

### FOR

## TAXI

Call La Grande Taxi Co.  
State Cafe. Phone B 3341  
Special rates given to Commercial men. No charge for waiting time.

## For Sale

60 ACRES well improved, good buildings, irrigated, on main road, and only 2 miles from town. This is a splendid dairy proposition, or in fact, can be used for anything, as the soil is first class, and there is plenty of water. The price is \$300 per acre. Might consider a small tract of good land in Canada as payment.

WE HAVE Another tract a little closer in on a paved road, with no improvements, except that the same is in alfalfa, at \$300.00 per acre. Small payment, good terms.

WE HAVE An 80-acre tract, no buildings but all good land, and in cultivation, 6 miles from town at \$125 per acre. Small payment and long time on balance.

WE HAVE Another 80-acre tract 8 miles from town, just fair buildings, a deep well, on a good road, and all in cultivation, for \$10,500. Small payment and reasonable terms.

480 ACRES, 4 miles from the town of North Powder. 240 acres of this in cultivation, 120 acres of it now in Fall Wheat, the balance is all good pasture land, small creek through the place, good buildings. The price is \$15,000.00. Purchased could assume the indebtedness, which is about \$5,000, and present owner would consider taking another property, for his equity. Prefers something on the order of a stock ranch with plenty of outside range.

WE HAVE A 4-acre tract just outside of the City limits, with good house, barn, and large hog sheds. The price is \$3500, and the buildings and improvements are worth this money. Only takes six or seven hundred dollars in cash to handle this.

HAVE A nice small residence on Adams Avenue, \$4000.00.

FINE Residence, best location on Sixth Street, \$4,000.00.

COME AND SEE US FOR PROPERTY OF ALL KINDS  
SECURITY LAND & SAVINGS CO.  
J. P. Phyl Manager.

over the washed rind of a lemon until a sufficient quantity of the oil and flavor of the latter is absorbed by the sugar.

### Jud Tunkins.

Jud Tunkins says many a man thinks he is giving advice when he is merely being encouraged to listen up his conversation and get his measure taken.

Big Anniversary Sale!  
ALL NEXT WEEK  
See Our Windows!  
F. W. Woolworth Co.

High Class Stationery—  
Paper in boxes of all the best makers, in white and beautiful tints. The White and Wyckoff line is one of the best values made, and pretty patterns, at reasonable prices, at

**Silverthorn's**  
FAMILY DRUG STORE  
LA GRANDE, OREGON.

Chocolate candy, stick candy, taffy, caramels, bon bons, fruit and nut candy made every hour fresh, and the finest and best of most candy made at

**Palace Confectionery Co.**  
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The Observer will pay a good price for clean rags.

Touch up your liver with our "Little Liver Touchers." 80 in a box, more than double the amount of most pills sold for the same price—32c, at

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FAMILY DRUG STORE  
LA GRANDE, OREGON.  
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As representative of the Haynes Service in Portland and to the interest of the La Grande owners, I will be at  
**ED. CYR'S AUTO REPAIR SHOP**  
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To take care of your wants.  
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We have clients with the following amounts available for immediate loans:

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| One | \$ 500.00    |
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| Two | 1000.00 each |
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First Mortgages on Real Estate Desired.

**WE WILL PAY 6% FOR MONEY PLACED WITH US FOR INVESTMENT AND PLACE OUR GUARANTY UPON THE INVESTMENT AS ADDITIONAL SECURITY.**

Sherwood Williams, Manager Loan Department.

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1113 Adams Avenue.

Phone Main 752

MR. W., one of our customers, came in a day or two ago and said: "Send me another ton of KING KOAL. My wife won't have anything else and I believe it's the BEST at any price. I don't want any cheap coal."

MR. G. says he got a ton of cheap coal, and it "Just laid in the stove and didn't seem to burn, and the next thing he knew it was all gone and it didn't give much heat either."

A Young Man said: "Dad says he won't have anything but KING KOAL after this."

"Why, what's the matter Ben?"

"Oh, he got some cheap coal from ——— and he swears every time he goes in the basement. He gets too many clinkers and ashes."

"I thought so, Ben, it pays to buy the best."

## King Koal

DRY WOOD FEED TRANSFER

THE

**J. D. LYNCH CO.**

## The End of A Perfect Day

